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6 April 1946

MEMORANDUM FOR: Project Director

SUBJECT : Requirement for Secure Communications, Westinghouse-Watertown

REFERENCE :

1. At a recent meeting held between [ ] of Westinghouse and [ ] of this office concerning the requirement for secure communications between Westinghouse Air Arm and Watertown, the following facts became evident:

a. During the equipment test period, to begin mid-May and to continue approximately until the end of October, [ ] will require rapid, frequent communications with his field representatives at Watertown.

b. A considerable portion of these communications will concern aircraft and equipment performance data considered by the Project to be highly classified. Also, the APQ 56 is classified SECRET by Air Force and open discussion of the APQ 56 could create serious problems for Westinghouse Air Arm. As the time element does not permit letter communications, both [ ] concluded that enciphered teletype transmissions were the only feasible means for meeting the requirements for rapid and secure communications.

c. [ ] stated that he anticipates a traffic volume of approximately ten messages per day in each direction.

d. [ ] also stated that, if requested, he would be willing to make his secretary available for communications training. This does require cryptographic clearance and training for the secretary but it is thought that clearing and training can be accomplished within the time period available. However, the anticipated traffic volume would fully occupy the secretary with cryptographic duties.

e. [ ] will provide any physical security precautions necessary for the establishment of a secure area as required by Agency Communications Security Standards.

f. The installation of a secure communications capability at Westinghouse Air Arm will assist to expeditiously resolve any problems arising during the Westinghouse equipment tests.

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2. In view of the factors stated in paragraph one above, the following recommendations are presented for approval:

a. A secure area be established at Westinghouse Air Arm to provide for the installation of a cryptographic communications signal center.

b. An unlisted TWL facility be installed to provide a direct transmission circuit to Watertown.

c. In consideration of the acute shortage of Agency cryptographic personnel and the continuing need for cryptographers for direct assignment to Project signal centers, it is not possible at this time to commit the full time services of an Agency cryptographer to the Westinghouse Air Arm Signal Center. As a necessary alternative it is recommended that a secretary or other person provided by [ ] be trained for assumption of cryptographic duties at Westinghouse Air Arm.

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3. As a related issue, this office must bring to your attention the fact that the increase in traffic volumes as a result of the Westinghouse Air Arm requirement will increase the existing heavy cryptographic workload at Watertown. This increase may necessitate the assignment of an additional cryptographer at Watertown to maintain the current efficient operation.

[ ]  
Project Communications Officer

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Orig - Forward

- 2 - Admin
- 3 - SO
- 4 - Contracting Officer
- 5 - Admin Chrono
- 6 - Admin Reading
- 7 - Comm

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